5 - Disassembly & Assembly Instructions

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1. NHL-12 Disassembly

Before you start:

- Ensure that you are connected to the ESD wristband.
- Use only specified tools.
- Be careful when handling sensitive components.
- Protect the LCD with a foil whenever possible.

To disassemble:

1. Protect the window with a foil to avoid dust and scratches.

2. Before removing the C-cover, press the release button.

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3. To remove the camera ornament, lift it from the right side with SRT-6 and rotate clockwise from the left side.

4. Remove the camera ornament.

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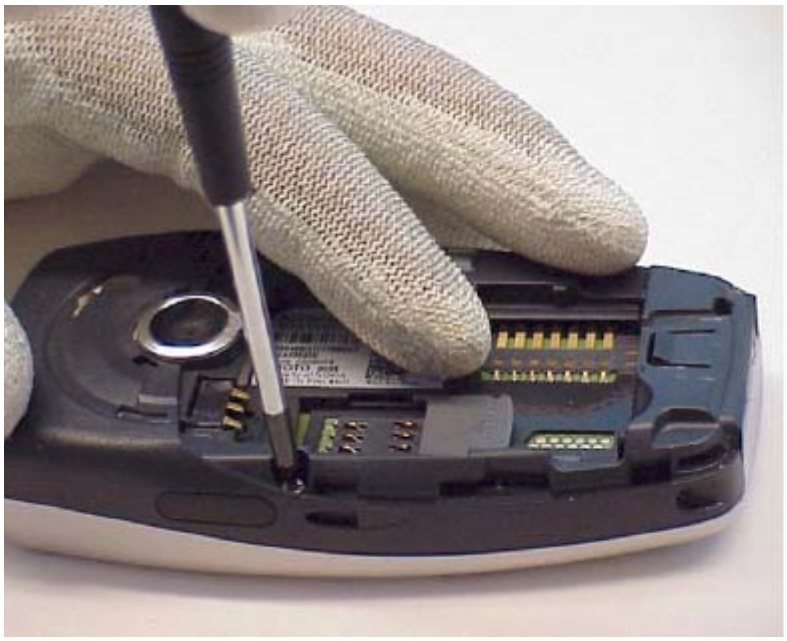
5. Unscrew the two screws located at the rear in the middle. Use size 6 Torx Plus driver.



6. Release A-cover snaps. Use appropriate tools, e.g. a small slotted screwdriver. Be careful not to damage mechanical parts

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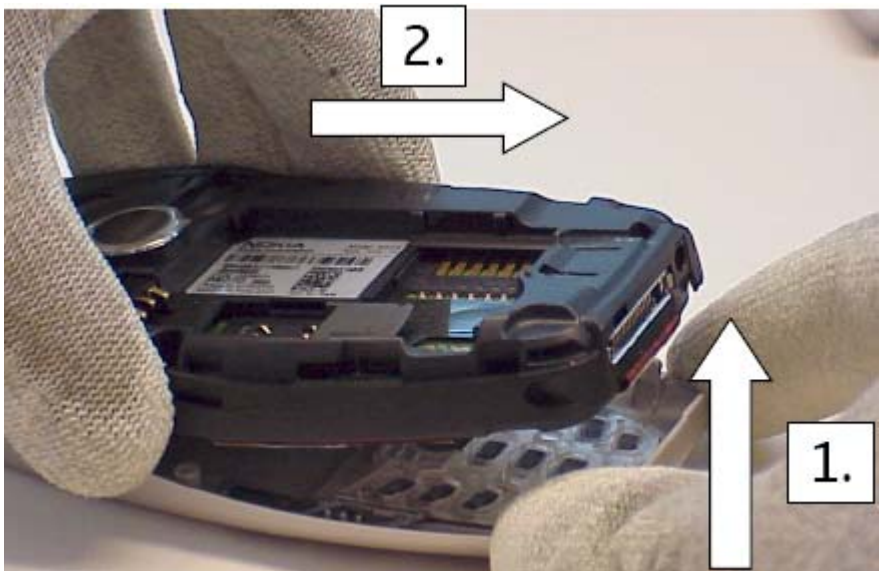
7. Lift the bottom end up a little and slide backwards.



8. Remove the A-cover and keymat.

9. Remove the keymat from the A-cover.

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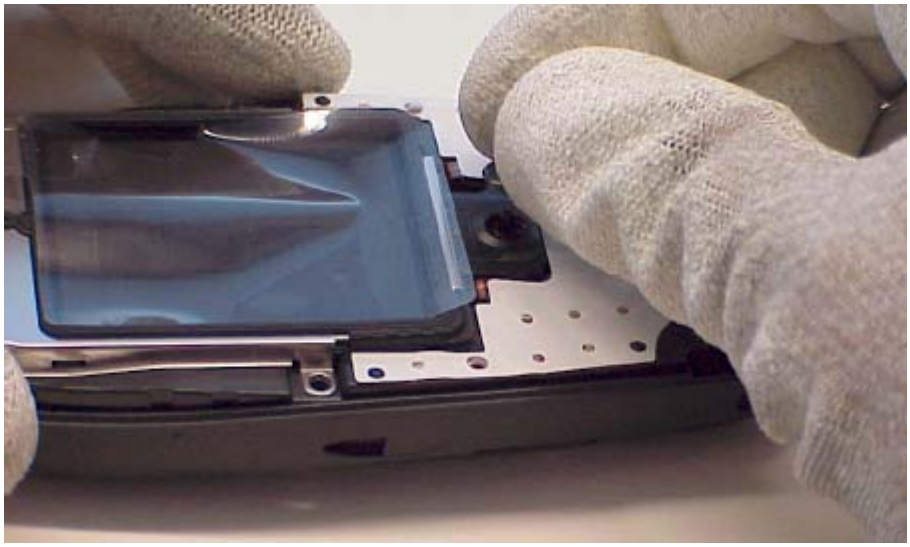
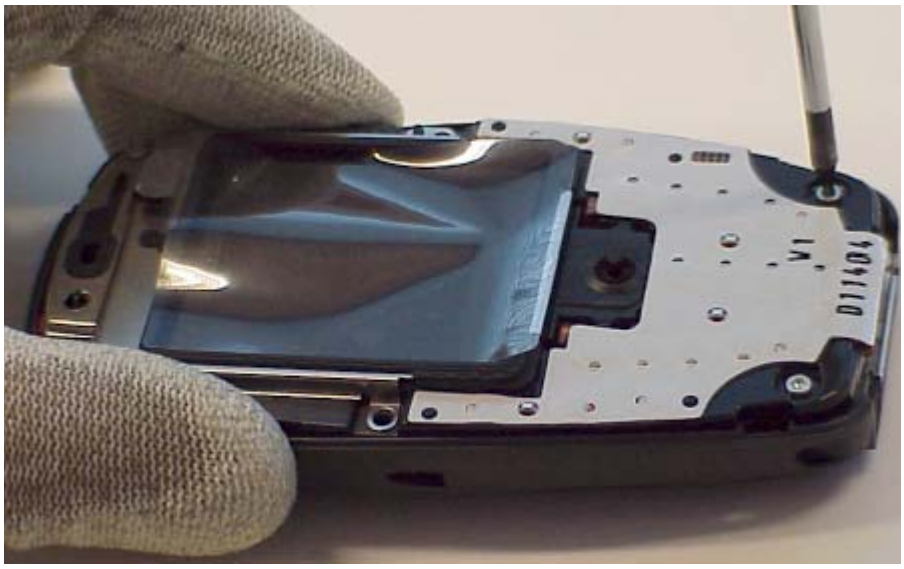
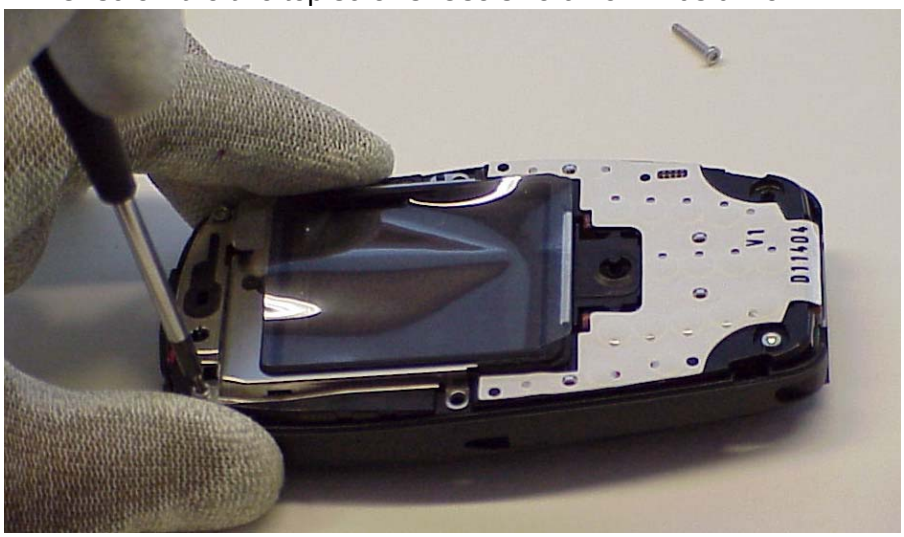
10.Remove the joystick hat.



11.Unscrew the two bottom screws. Use size 6 Torx Plus driver.



12.Unscrew the two top screws. Use size 6 Torx Plus driver.



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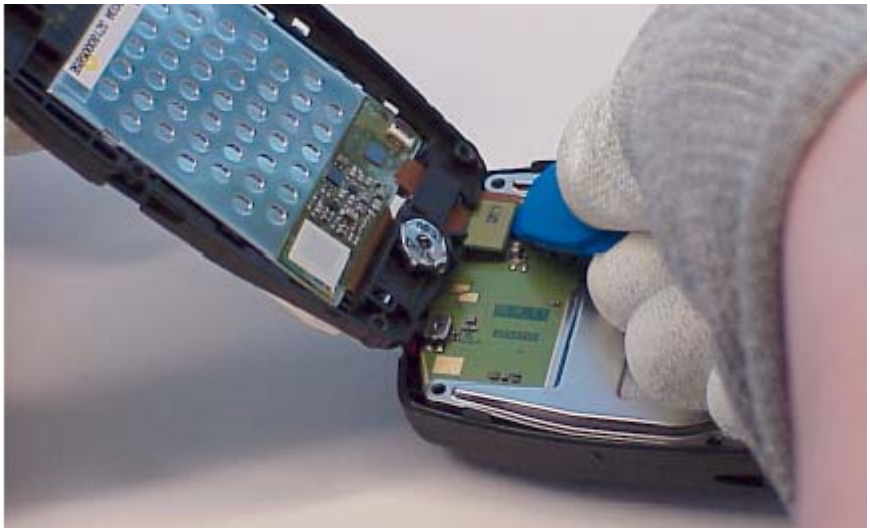
13.Release side snaps from both sides with a SRT-6 tool.

14.Lift the bottom end up.

15.Release the LCD connector with the SRT-6 tool.



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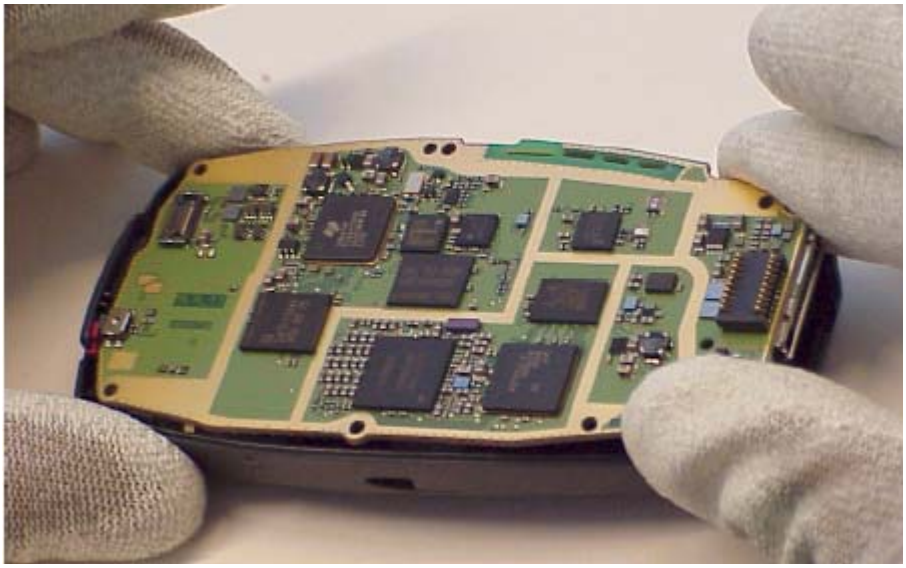
16.Remove the BB shield with the SRT-6 tool.

17.Remove PWB.



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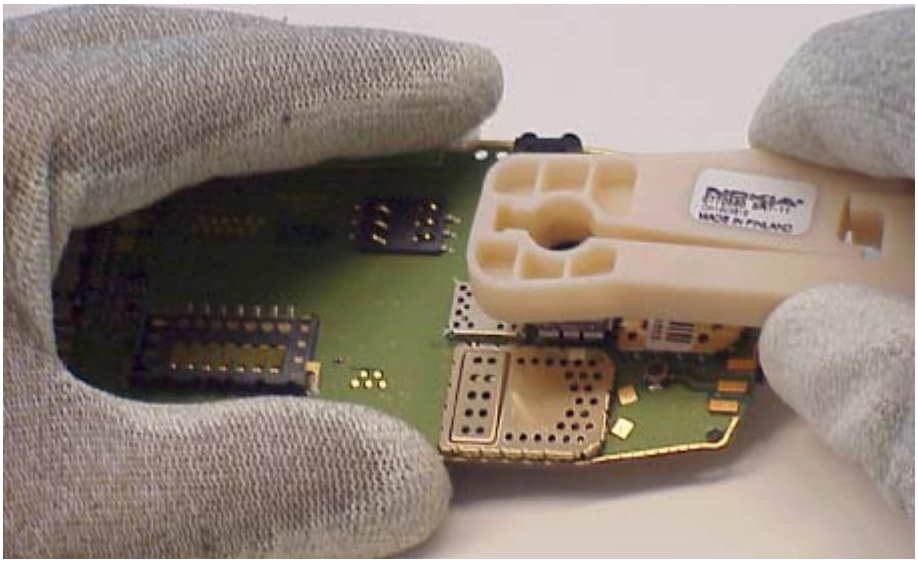
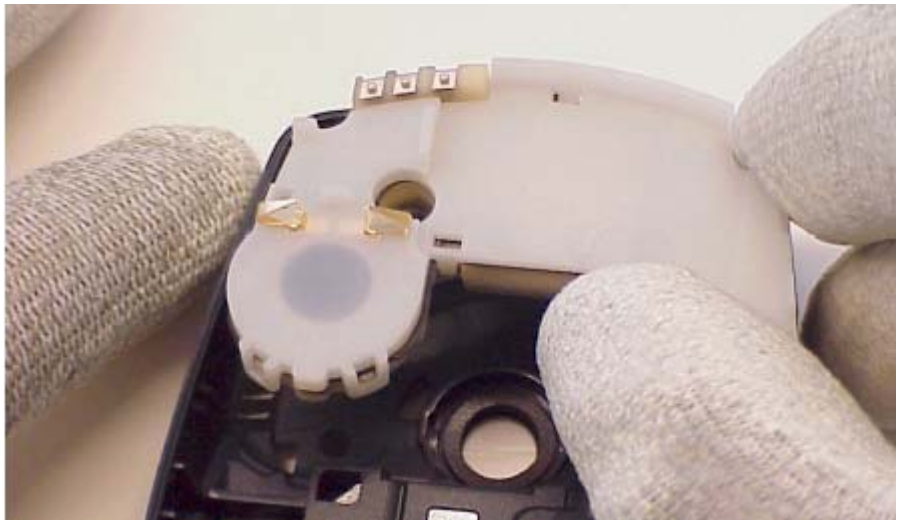
18.Remove the camera module with the SRT-11 tool.



19.Release the snaps on both sides with the SRT-6 tool.

20.Remove the antenna module.



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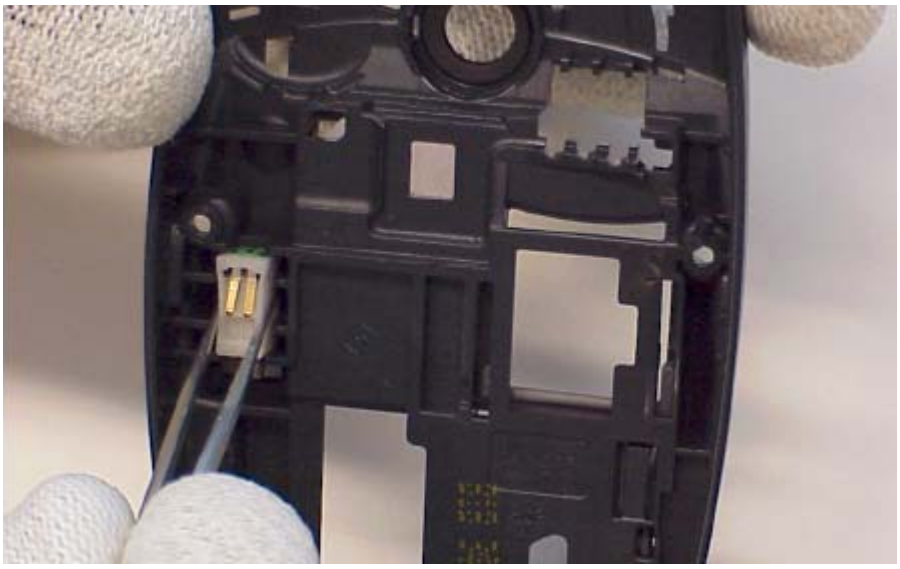
21.Use tweezers to remove the vibra.



22.Remove the DC-jack with SRT-6.

23.Remove mic with SRT-6.

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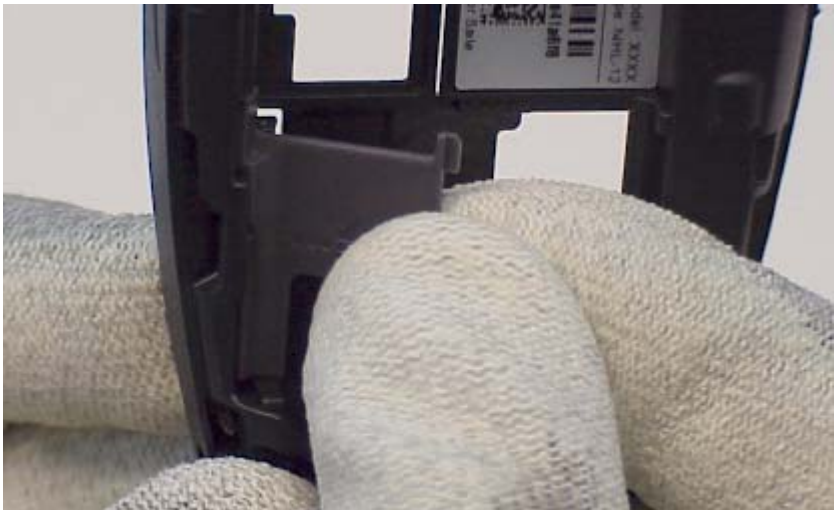
24. To remove the power button, bend it backwards to release the snap and lift it up.

25.To remove the locking lever, place it in the lowest position and then lift it up from the right side You may have to use some additional force to remove the tip from the hole.



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26.Release both side snaps with an appropriate tool, e.g. a small slotted screw-driver.

27.Remove the LCD top shield.

28.After protecting the LCD with a protective tape, remove it.

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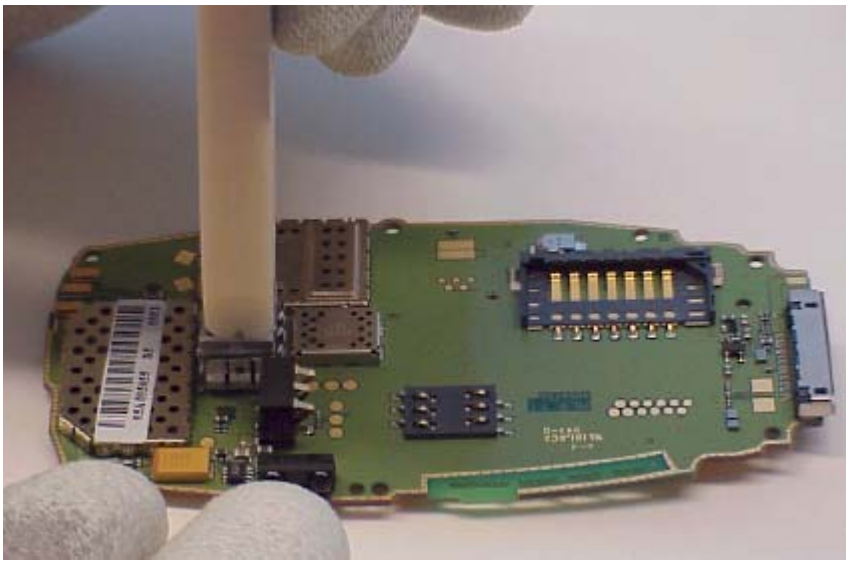
2. NHL-12 Reassembly

1. Assemble camera with the SRT-11 tool.



2. Place the top left corner of the locking lever to the recess and top right corner tip to the hole in the B-cover. Then slide the locking lever up to its place.

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3. Insert the power button back to its place. Make sure that the snap in the middle is locked.

4. Insert the antenna module back to its place. Make sure that both side snaps are locked.

5. Insert mic back to its place.

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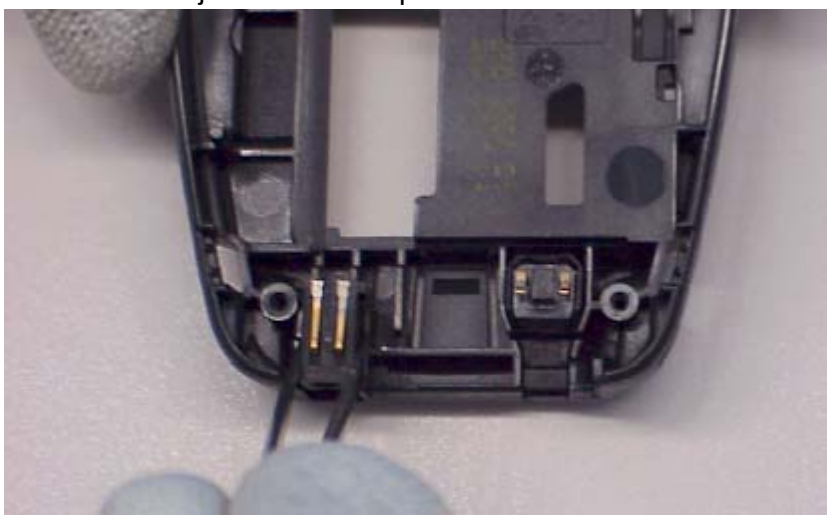
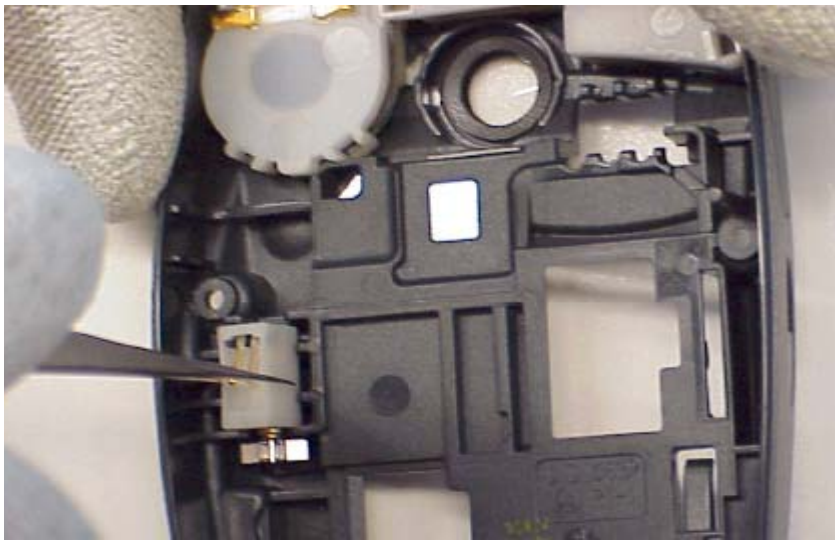
6. Insert the DC-jack back to its place.



7. Insert vibra back to its place.



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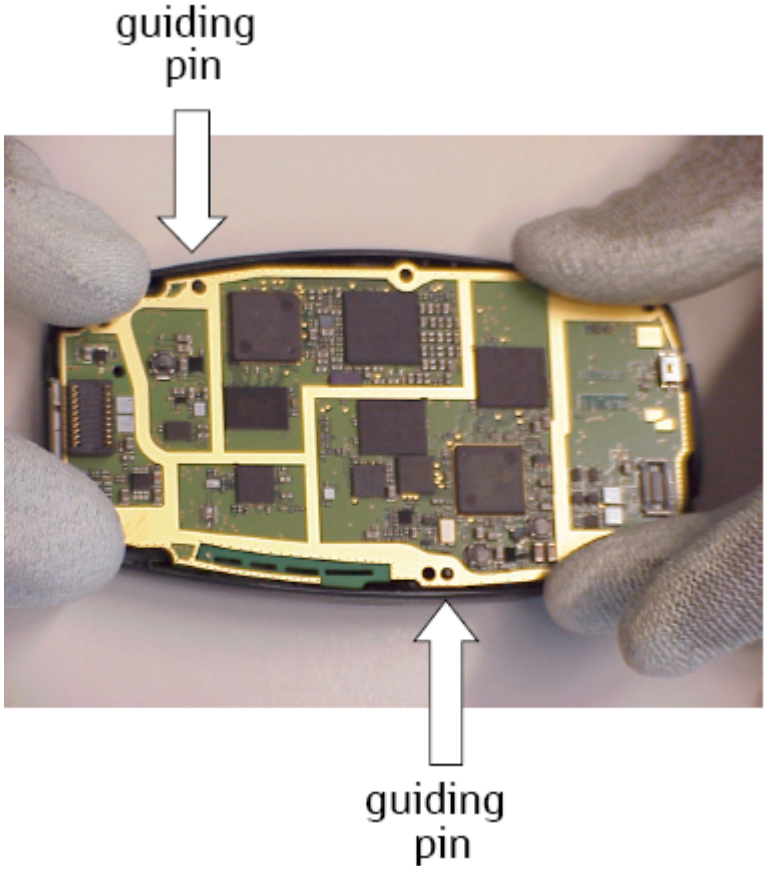
8. Insert PWB back to its place. Use the two guiding pins.



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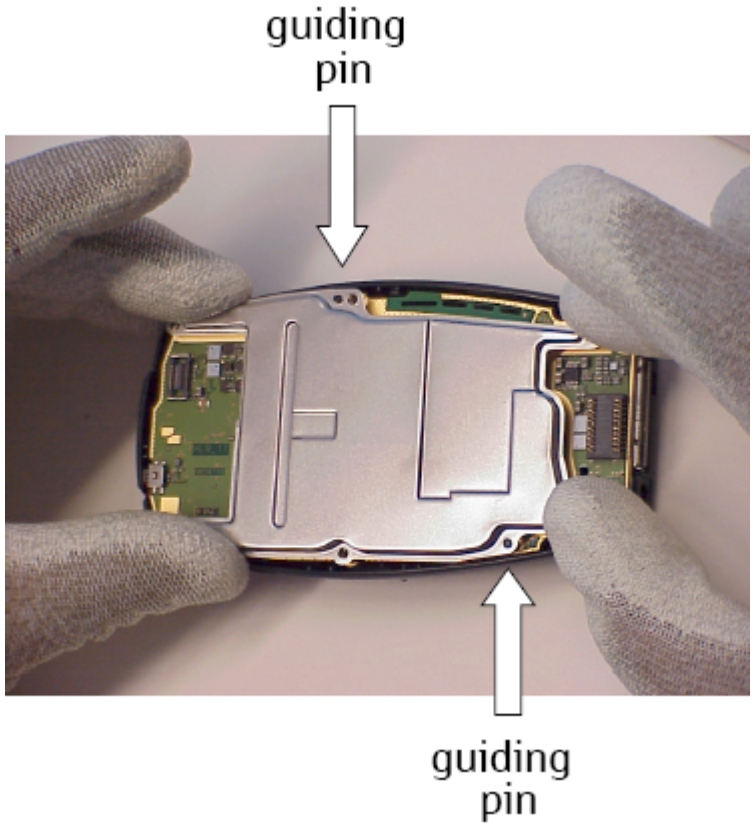
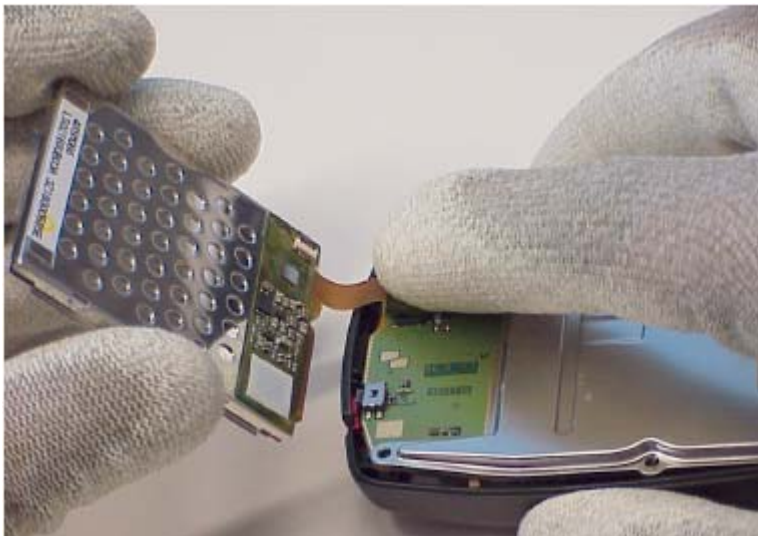
9. Insert BB shield back to its place. Use the two guiding pins.



10. Connect the LCD connector.



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11.Insert the UI assy back to its place. Make sure not to damage the LCD flex foil.

12.Ensure both side snaps are locked.

13.Rotate the LCD back to its place and push to fit it to the casing. Make sure not to damage the LCD flex foil.

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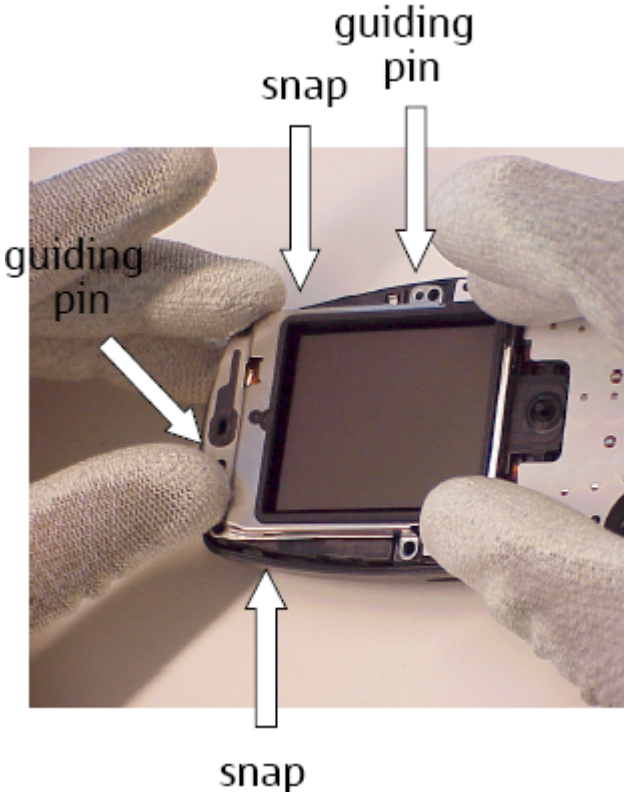
14.Insert the LCD top shield to its place. First insert the bottom end wall the hole between LCD and UI assy. Use the two guiding pins for correct positioning. Ensure that both side snaps are locked.



15.Ensure the bottom wall of the LCD top shield is in the hole.

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16.Insert the joystick hat to its place.

17.Tighten the screws located at the top and bottom. Use size 6 Torx Plus driver with 26 Ncm torque.

18.Assemble keymat cover.

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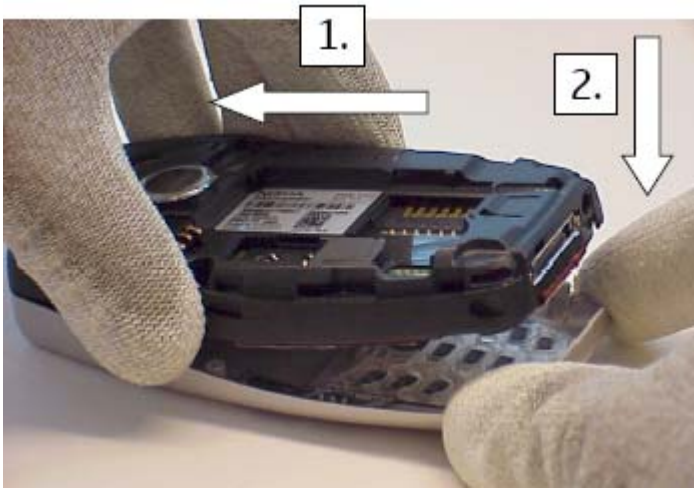
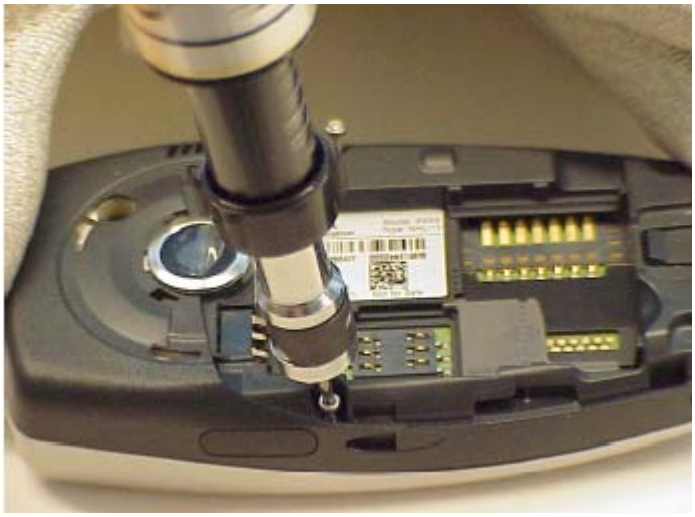
19.To assemble the A-cover, first place the upper part of the ENO module near the cover.

20.To lock the upper snaps, slide the ENO module upwards. To lock the lower snaps, push the bottom end down. Ensure that both A-cover and B-cover joints are even at top of the phone.



21.Tighten the two middle screws. Use size 6 Torx Plus driver with 26 Ncm torque.



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22.To assemble the camera ornament, first place it on the B-cover. Then rotate the ornament counterclockwise to lock the snaps.

23.Insert the C-cover back to its place.

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